



# **TOWN OF EASTON**

**DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DEPARTMENT**

***15 Westport Road  
Easton, CT 06612***

**TELEPHONE (203) 268-0714**

**FAX (203) 261-7915**

## **REQUEST FOR CONSULTING ENGINEERING SERVICES**

### **INSTRUCTIONS**

Proposals will be received at the office of the First Selectman, 225 Center Road, Easton, CT 06612, until but no later than 3:00 pm, Monday, August 15, 2016.

1. Submit proposals in **triplicate** in a sealed envelope plainly marked to identify the particular proposal. A fee schedule for the services submitted in a sealed envelope separate from but included with the proposal.
2. The Purchasing Authority of the Town of Easton reserves the right to accept or reject any or all options, or proposals; to waive any technicality in any proposal, or part thereof, and to accept any proposal deemed to be in the best interest of the Town of Easton, Connecticut.
3. Proposals may be held by the Town of Easton for a period not to exceed thirty (30) days from the opening of the proposals for the purpose of reviewing the proposals and investigating the qualifications of the proposers prior to award.
4. It is the sole responsibility of the proposer to see that the proposal is in the hands of the proper authority prior to the proposal opening time.
5. The successful proposer will be required to post a Certificate of Insurance, with the Town of Easton named as additional insured, in accordance with the Town's Standard requirements.

Any subcontractor to a contracted firm shall be likewise covered, and shall furnish certificates of coverage acceptable to the Town before starting work.

The awarded firm shall maintain professional liability insurance until the expiration of the statute of limitations. In the event there is no statute of limitations specifically applicable to this project, the awarded firm shall maintain coverage for a reasonable period after the date of substantial completion of the project as agreed to by the Town and the awarded firm.

Any questions please email Mr. Edward Nagy, Director of Public Works, at:

[eastondpw@eastonct.gov](mailto:eastondpw@eastonct.gov)

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PUBLIC WORKS DEPARTMENT  
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Email: eastondpw@eastonct.gov**

**Request for Proposal for Engineering Services  
Covering: Engineering Services – Design of Two Bridge Replacements**

**South Park Ave. near Buck Hill Rd. – State Bridge #04211 over the Mill River  
South Park Ave. near Riverside La. – State Bridge #04213 over the Mill River**

The Town of Easton seeks to engage a Consulting Engineering firm to provide engineering services for the design; preparation of contract plans, specifications, bidding documents and obtain all necessary permits for the above bridge replacements.

**DUE TO FUNDING SOURCES, EACH BRIDGE PROPOSAL SHALL BE LISTED SEPARATELY.**

**Existing Conditions:**

**Bridge #04213** – South Park Avenue over the Mill River

CURRENTLY REDUCED TO ONE LANE ALTERNATING TRAFFIC.

Span: 28 ft.

Type: Cast in place concrete deck.

Deck and super structure in poor condition.

**Bridge #04211** – South Park Avenue over the Mill River

Span: 32 ft.

Type: Concrete deck on five steel girders

East abutment is in poor condition.

See attached Bridge Reports – 2014 and 2015 for both bridges.

**Scope of Services:**

- Ground Survey and Mapping
- Preliminary Engineering Study
- Preliminary Design (30%)
- Public Information Meeting
- Environmental Permitting
- Semi-Final Design (75%)
- Easement and Taking Maps
- Final Design and Bid Ready Package (100%)
- Meetings; with Town staff and a presentation at a Board of Selectmen and Town Meeting

It is anticipated that the replacements will be a precast concrete structure, either arch type box culverts or box beams on abutments with a clean simple design, and with metal beam guide railing over the structure.

Note: The Mill River is a Class A Wild Trout stream.

The consulting Engineer is required to provide survey, prepare design, hydraulic analysis, environmental plans and bid documents.

The Engineer shall review shop drawings.

The consultant shall submit a time schedule on design and document submittals.

Timeline – Bridge #04213 – fall 2016 construction if possible  
Bridge #04211 – summer 2017 construction

Due to Detour issues, only one bridge can be closed for construction at one time.

Any direct costs such as soil borings shall be paid directly by the Town.

Routine Construction/Inspection will be done by Town forces.

Onsite Inspection by consultant to be on call, please provide fee schedule.

All interested parties shall submit a Statement of Qualifications including a letter of interest, a profile of the firm, and number of employees listing fields of expertise, and resume of key personnel. Also, include an hourly fee schedule for all individuals by title that will provide services. All other fees such as mileage or overhead must also be provided. A List of Clients with contact persons, telephone numbers and addresses should also be included for reference checks.

Personnel responsible in charge of the design for the projects will be required to possess and maintain a valid Connecticut Professional Engineer's License. Any required taking or easement map shall be filed by a Connecticut Licensed Land Surveyor. Three (3) copies of the RFP must be received in the Town of Easton, Town Hall, 225 Center Road, Easton, CT 06612, no later than 3:00 pm on Monday, August 15, 2016.

The Town has been approved by Connecticut DOT for a LOTCIP grant for Bridge #04211. For Bridge #04213, the Town has been approved for 50% funding under the CONNDOT local bridge program.

There are specific requirements to meet CONNDOT funding. The consultant shall complete a design that meets the CT DOT Bridge Design Manual and data application, obtain permits, etc. as required by the State of Connecticut Department of Transportation, including but not limited to, the CT D.E.E.P. Flood Management Certification, Environmental Assessment.

The only utilities are electric, CATV, and phone cable that are located overhead and a (SCGC), Southern CT Gas Company gas main line on the side of each bridge. There is a 36" Aquarion Water Company water main in the vicinity of each bridge but should not be impacted by the bridge work.

In 1983, FEMA produced a "Flood Way Study" for the National Flood Insurance Program.

The bridges are within the Mill River flood way as shown on panel 2 of 2, Community – Panel number 090006 0002.

Drainage area is 13.1 sq. miles just south of the bridge at South Park Avenue and Buck Hill Road.

Per FEMA Study - Summary of peak discharges at:

10 – yr.	- 1,755 cfs
50 – yr.	- 3,022 cfs
100 – yr.	- 4,095 cfs
500 – yr.	- 7,215 cfs

STFile/SoParkAve/RFPBridge/SoParkAve/8/4/16

ADDENDUM #1

SOUTH PARK AVENUE BRIDGES – OVER MILL RIVER

# 04211 and # 04213

REQUEST FOR ENGINEERING SERVICES

To: Engineering Consultant  
From: Town of Easton  
Date: August 8, 2016

Schedule of Engineering Fees

Bridge #	- Ground Survey and mapping		04211 Task  Fee
	- Preliminary engineering study		
	- Preliminary design (30%) geotechnical and hydrology		
	- Public information meeting		
	- Environmental permitting		
	- Semi-final design (75%)		
	- Easement and taking maps (each as direct cost)		
	- Final design (100%) and construction estimate		
	- Bid ready package documents		
	- Meetings		
	- Shop Drawing Review		
	NOT TO EXCEED TOTAL		

Bridge #	- Ground Survey and mapping		04213 Task  Fee
	- Preliminary engineering study		
	- Preliminary design (30%) geotechnical and hydrology		
	- Public information meeting		
	- Environmental permitting		
	- Semi-final design (75%)		
	- Easement and taking maps (each as direct cost)		
	- Final design (100%) and construction estimate		
	- Bid ready package documents		
	- Meetings		
	- Shop Drawing Review		
	NOT TO EXCEED TOTAL		